



Brown Bag Series Spring 2024

The Brown Bag Seminar Series is an opportunity for the Clemson University community to better understand research integrity and research compliance related topics.

These seminars qualify for one hour of advanced RCR training.

January 23, 2024 – Laboratory Safety and Research Quality: Two Sides of the Same Coin

Ensuring the safety of personnel working in research laboratories is an integral component of the responsible conduct of research at academic institutions. While researcher safety has clear ethical and legal implications, often overlooked is the role of safety in ensuring research integrity, data reproducibility, and efficiency. In this workshop we will discuss the role of laboratory safety beyond simple compliance requirements and highlight the potential impact of safety on the quality of scientific research. We will discuss actual laboratory incidents to highlight the importance of incorporating basic safety practices into daily research activities to help ensure the continued production of the highest quality scientific research at Clemson University.

Presenters – Chris Weber, Chemical and Lab Safety Manager and Kerri Kwist, Biosafety Officer

Target audience – Faculty, staff, postdocs and students

Location – via Zoom; 12pm-1pm

Join the Zoom Meeting: <https://clemson.zoom.us/j/99010710695?pwd=RGtZWlorWlVpYVdkV2VxYzh5MzVJdz09>

Meeting ID: 990 1071 0695

Passcode: 679890

February 22, 2024 – Predatory Publishing

Predatory publishing is a growing concern in scholarly research for both content creators and researchers. Predatory publishers deceive authors and readers by publishing their research for a fee without providing the editorial services typical of vetted open access publishers such as rigorous peer review, yet often masquerade in trusted databases and web sources as legitimate journals. In this session, we will discuss the impact of predatory publishing, identify predatory publishing and identify how to avoid using and submitting decidedly non-scholarly sources.

Presenters – Karen Burton, Science Librarian

Target audience – Faculty, staff, postdocs and students

Location – 12pm-1pm; via Zoom

Join the Zoom Meeting: <https://clemson.zoom.us/j/92100093285?pwd=R1ZzY01nZTFUOHNDcjFXc3cxNXINUT09>

Meeting ID: 921 0009 3285

Passcode: 264604

March 5, 2024 – Conducting a Literature Search for Animal Use Alternatives

Please join representatives from the U.S. Department of Agriculture, National Agricultural Library's (NAL) [Animal Welfare Information Center](#) (AWIC) as they discuss how to conduct a literature search for animal use alternatives using bibliographic databases.

The specific topics this webinar will cover are:

Finding 3Rs information in databases and non-database resources;

How to construct a search string using search syntax tools; and

A live alternatives literature search demonstration.

TO REGISTER PLEASE GO TO:

<https://cucourse.app.clemson.edu/orc/student-index.php>

Note: While this presentation is particularly relevant to those working with animals in research, the methods and techniques taught for building and conducting a literature search are relevant for any subject area.

Presenters – Jessie Carder and Erika Edwards, USDA Animal Welfare Information Center Coordinators

Target audience – Faculty, staff, postdocs and students

Location – 12pm-1pm; via Zoom

Join Zoom Meeting <https://clemson.zoom.us/j/97265432448?pwd=b3dmOHpZbGg4MlJmaXJtYmFkUk9sQT09>

Meeting ID: 972 6543 2448

Passcode: 762333

April 4, 2024 – Harnessing the Power of AI for Research Responsibly

Across disciplines, methods and tools broadly characterized as Artificial Intelligence (AI) are increasingly adopted for research and education. With their help, researchers can now explore many previously untenable problems, and dramatically speed up the research process. From literature review to statistics gathering, from data analysis to software generation, AI can accomplish such tasks in shorter times and wider scopes than what were possible in the past. The new gained speed and scale of knowledge generation, however, come with risks of potential pitfalls. It is critical, while challenging, that researchers understand the nature and implications of the AI tools they adopt to bear responsibility for the authenticity, ethicality, and legal implications of their research. In this talk, I will discuss recent case studies, best practices, policy recommendations, and research efforts around research misconducts, intellectual property protection, and social impacts due to the use of AI in research.

Presenter – Kuang-Ching Wang, C. Tycho Endowed Chair of Collaborative Computing, Provost Distinguished Professor and Associate Director of Research WFIC

Target audience – Faculty, staff, postdocs and students

Location – 12pm-1pm; via Zoom

Join Zoom Meeting <https://clemson.zoom.us/j/93720471854?pwd=Z1VHdCttVFRkTmozdkFTaExyb1F1dz09>

Meeting ID: 937 2047 1854

Passcode: 770875

Questions? Please contact Hope Smith-Sielicki, 864-656-0118, smith@clemson.edu

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